

1 **ABSTRACT OF THE DISCLOSURE**

2 A water-soluble and non-water-soluble materials separation device has multiple
3 stirring zones and multiple precipitation zones alternately arranged with the multiple
4 stirring zones. Baffles are respectively provided between the stirring zones and the
5 precipitation zones. Guiding plates are respectively and spatially located in the device to
6 guide solution flow to a center of the baffle. Extraction pipes are provided in the
7 precipitation zones so as to allow formation of precipitation to be collected in the
8 concentration zone. The precipitation is collected from a bottom outlet in the collection
9 tank.